

# **TRAINING ON DEVELOPING OF E-LEARNING BASED ON EDMODO LEARNING MANAGEMENT SYSTEM (LMS) AS AN EFFORT TO INTEGRATE DIGITAL TECHNOLOGY INTO SCIENCE LEARNING IN THE INDUSTRIAL REVOLUTION ERA 4.0.**

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## **ABSTRACT**

*The PPM aims to train: 1) the ability of science teachers in developing e-learning on science lesson using Edmodo; 2) the skills of science teacher in compiling science materials in the form of text, images, audio, video, links and various other sources that are suitable with Edmodo characteristics; 3) the skills of science teacher in designing assignments, quizzes, and polls that will be in accordance with Edmodo characteristics. The subjects of this activity were the science teachers of SMP Muhammadiyah in Sleman Regency. This activity was held on 18, 19, 20 October 2019 in Computer Lab of Science Education Department and attended by 28 teachers. The stages of this activity include preparation, implementation and evaluation. At the preparation stage, coordination between members, division of tasks, determination of activities sequence and materials were carried out. In addition, coordination was also carried out with partner coordinators to determine the time and place of activities. At the implementation stage, knowledge enrichment, demonstration, workshop arrangement, elearning development and finalization were carried out. Finally, the activity closes with an evaluation of both process and results. The results of this training shows that the trainee are: 1) are able to develop e-learning based on Edmodo learning management system (LMS) in defending science; 2) skilled in compiling the science material in the form of text, images, audio, video, links and various other sources that are consistent with Edmodo's characteristics; 3) skilled in designing tasks, quizzes, and polls that will be according to Edmodo characteristics.*

*Kata Kunci: Training, Elearning, Edmodo, Science Learning*